

# K-Series Single-pole Keylocks

Type K keylock switches offer low cost key operated protection against accidental or unauthorized access, with options in:

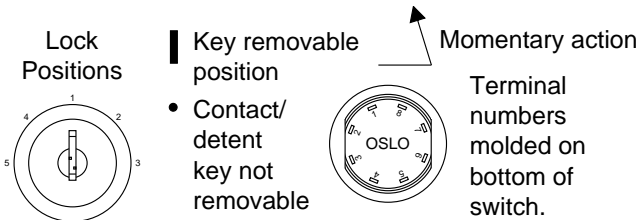
- standard compact style or
- anti-static version for static discharge protection
- Available fifth tumbler detent
- circuit arrangements
- key coding
- lock finishes
- terminal styles
- mounting styles
- contact materials/ratings
- fire code keys available (contact factory)

## Specifications

Contact ratings: 10A/125 VAC or 28 VCD, 8A/250 VAC; UL recognized, CSA certified. Electrical life: 10,000 cycles min. at full load. Contact resistance: 10 milliohms max. initial at 2-4 VCD, 100mA. Insulation resistance: 10<sup>9</sup> ohms min. Dielectric strength: 1,000 rms at sea level. Indexing: 45° or 90°, single-pole styles 5 positions max., double-pole styles 3 positions max., various key pull positions available. Static resistance: 20,000 VCD static resistance at sea level, lock body to terminals.

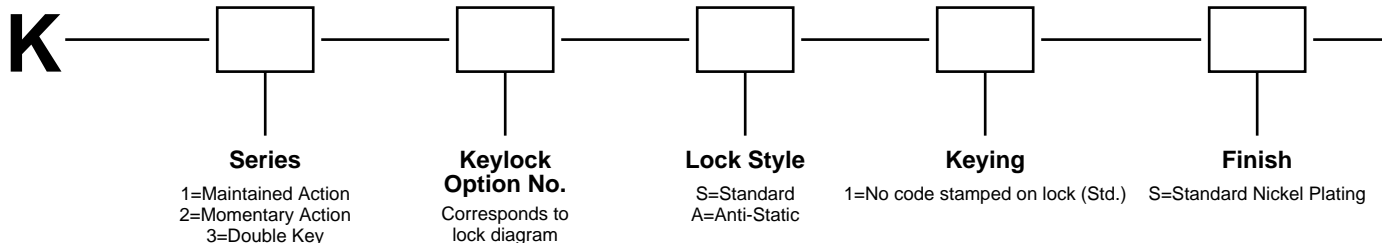
## Materials & Features

Lock: five tumbler brass mechanism. Zinc alloy, nickel plated steel (std); chrome plate or matte stainless steel face optional. Switch housing: 6/6 nylon (UL94V-2).



	Keylock Option	Lock Diagram	Key Position	Terminals Connected
K1 Series	100		1 3	8-1 1-3
	101			
	102			
	103		1 2 3	8-1 1-2 2-3
	104			
	107		1 3 5	8-1 2-3 6-7
	108			
	118		1 2 4	8-1 1-2 7-8
K2 Series	101		1 3 5	8-1 2-3 6-7
	102		1 3	8-1 2-3
K3 Series	100		1 3 5	8-1 2-3 6-7

## Ordering Information:



\* KEYING - Two matching keys are provided with each switchlock. All K-Series switches come with 2 keys, keyed alike. Nickel plated with code number. All locks on an individual order will be keyed alike (Ex. 0C01) unless otherwise specified at the time of order. When it is necessary to reorder a specific key code (Ex. 0C01) please include the key code when ordering.

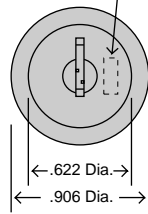
Note: Keylock switches may be custom configured to customer requirements, including multiple key codes and wire harness assemblies.



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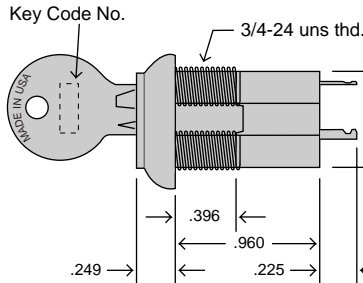
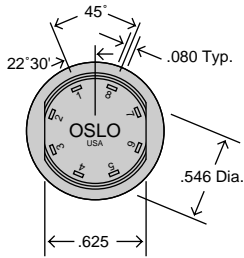
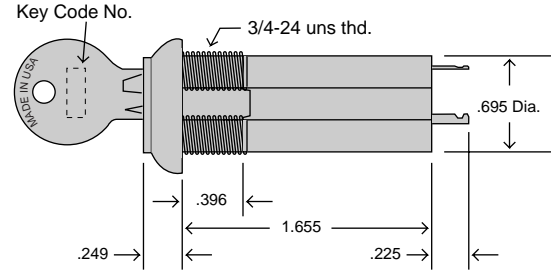


Optional Key Code No.

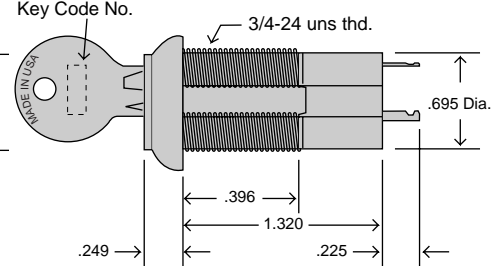


TYPE K1 and K3 Standard

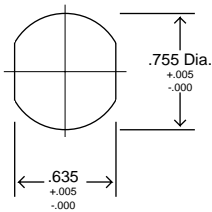
TYPE K1 and K3 Anti-Static



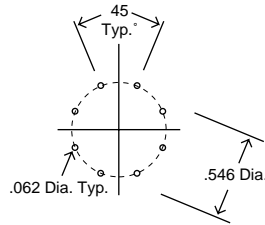
TYPE K2 (Momentary) Standard



Panel Mounting

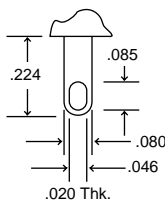


PC Mounting

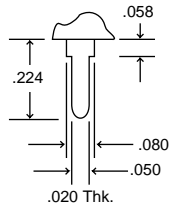


Terminals

Standard



Board Mount

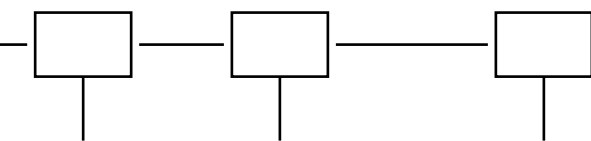


Mounting Option	Panel Thickness Recommended
<p>Nut</p>	.250 in. max.
<p>Clip</p>	.065 - .090 in.

Option	Contact Material	Ratings	Approvals
1 (std.)	Copper, Silver Plated	4A At 125 VAC or 28 VDC at 250 VAC	Ratings and approvals not marked on switch
2	Copper, Silver Plated	4A At 125 VAC or 28 VDC at 250 VAC*	UL
3	Copper with gold plate over nickel plate	0.4 VA max at 20 VAC or DC max.	None for dry circuit
4	Copper with gold plate over nickel plate over silver plate	4A At 125 VAC or 28 VDC at 250 VAC*	UL

\* Ratings and approvals are marked on switch.

**Note 1.** Option 4 can be used in either dry circuit or power circuit applications. However, when dry circuit rating is exceeded, the gold plating on the contact surfaces is removed and the switch cannot then be used in dry circuit applications.



Terminal

- 1= Standard
- 3= Board Mount
- 4= Wire leads (6" Black 22 AWG)

Mounting

- N=Nut
- C=Clip

Contact Material & Rating

- 1= Copper, Silver Plated (Standard)
- 2= Copper, Silver Plated
- 3= Copper with Gold Plate over Nickel Plate
- 4= Copper with Gold Plate over Nickel Plate over Silver Plate



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